



July 14, 2015

Sara Forster  
Health Physicist Licensing Reviewer  
U.S. Nuclear Regulatory Commission-Region III  
Division of Nuclear Materials Safety  
2443 Warrenville Road, Suite 210  
Lisle, IL 60532-4352

Reference: License No. 13-23425-01 Renewal

Subject: Additional Information Requested

Dear Sara,

I am responding to your prior correspondence dated 7/10/15 requesting additional information regarding our licenses to be renewed. We currently have (2) Troxler model 3400 series gauges in our possession. We are requesting that you revise our license to remove the Troxler models 4640, 4545, 3565, 1300, 3216, and 3218, thereby only showing the 3400 series model under item 9 as stated on our license. We have never owned nor stored the Troxler models 4640, 4545, 3565, 3216, or 3218. I am also confirming the type of Radioisotope sources for our (2) nuclear density gauges. One source is Cesium-137 per single source and is not to exceed 9 mCi; the other source is Americium-241 per single source and is not to exceed 44 mCi.

If you have any further questions regarding this matter, please call me at 317-437-2374 or my e-mail address: [tsowders@hntb.com](mailto:tsowders@hntb.com).

Respectfully,

A handwritten signature in black ink, appearing to read "Ted M. Sowders".

Ted M. Sowders  
Radiation Safety Officer

cc: Ted Behrens-HNTB Dept. Manager  
File

## Forster, Sara

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**From:** Ted Sowders <TSowders@HNTB.com>  
**Sent:** Wednesday, July 15, 2015 11:58 AM  
**To:** Forster, Sara  
**Cc:** Ted Behrens  
**Subject:** [External\_Sender] RE: Additional Information Request for HNTB Corporation, Lic. No. 13-23425-01, C/N 587185  
**Attachments:** NRC Response Letter.pdf

Sara,

I am providing you a response letter as requested below. Let me know if there is anything else you might need.

Thanks,  
Ted

**Ted M. Sowders**  
Project Supervisor

Cell (317) 437-2374  
E-mail [tsowders@hntb.com](mailto:tsowders@hntb.com)

**HNTB COMPANIES**  
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**From:** Forster, Sara [<mailto:Sara.Forster@nrc.gov>]  
**Sent:** Friday, July 10, 2015 12:53 PM  
**To:** Ted Sowders  
**Subject:** Additional Information Request for HNTB Corporation, Lic. No. 13-23425-01, C/N 587185

Dear Mr. Sowders:

We have reviewed your June 15, 2015, application to renew the above referenced license. As discussed in our July 2, 2015 phone conversation, additional information is needed to complete our review of your application and to renew the license.

First, we noted that your application omitted maximum overall cesium-137 and americium-241 possession limits. We have noted that your overall possession limits currently listed on the above referenced license for cesium-137 and americium-241 are 36 and 176 millicuries, respectively, but are unsure whether you still require the capacity to possess 4 gauges. Second, we noted that the application included a request for the Troxler 3400 Series gauges as well as additional gauge models. Although the most recent amendment to your license authorizes the use of several Troxler portable gauge models, as well as the 3400 Series gauges, we are unsure as to whether you actually need and/or possess those additional models of portable gauges. Additional information needed to complete our review follows:

1. First, please provide overall maximum cesium-137 and americium-241 possession limits, to include all portable nuclear gauges to be possessed under the license.
2. Please confirm that you wish to revise the Authorized Use (Item 9 listed on the license) to include only Troxler Model 3400 Series gauging devices. As part of your response, please confirm that you wish to remove the Troxler Models 4640, 4545, 3565, 1300, 3216, and 3218 currently authorized for use under the license.

**For all models you wish to have removed from the license, please confirm that you have never used or stored those models at the authorized location of use listed on the license.** In the alternative, to remove any models you have used at the authorized location of use, include final disposition information for those gauges. Final disposition information must include the most recent leak test results for each removed gauge, as well as confirmation of receipt by an authorized transferee.

Additional information may be found in NRC's guidance document for portable gauging device licensing, NUREG 1556, Vol. 1, rev. 1, "Program-Specific Guidance About Portable Gauge Licenses," which may be found at:

<http://www.nrc.gov/reading-rm/doc-collections/nuregs/staff/sr1556/v1/r1/>.

As discussed, we expect to receive responses to the items listed above on or before July 24, 2015. Include a signed and dated cover letter with your response. Submission of your response as a pdf file attached to an email or via facsimile will allow for the quickest processing. Please call me with any questions you may have.

Sara A. Forster, Health Physicist Licensing Reviewer  
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*This e-mail and any files transmitted with it are confidential and are intended solely for the use of the individual or entity to whom they are addressed. If you are NOT the intended recipient and receive this communication, please delete this message and any attachments. Thank you.*